

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

Claims 1-6 (canceled).

Claim 7 (original): A method of transmitting irrigation control instructions from a remote site to an irrigation site comprising the steps of:

- a) storing irrigation control instructions on a smart card at one location;
- b) transporting the smart card to another location;
- c) transferring the irrigation control instructions from the smart card to a smart card reader;
- d) transferring the irrigation control instructions from the smart card reader to a computer;
- e) storing the irrigation control instructions in the computer of step (d); and
- f) operating an irrigation system by the computer of step (d) according to the irrigation control instructions stored in step (e).

Claim 8 (original): The method of claim 7 wherein the irrigation control instructions comprise a schedule for delivering water in an irrigation system.

Claim 9 (original): The method of claim 8 wherein the irrigation control instructions comprise a schedule for opening a valve on an irrigation water line.

Claim 10 (original): The method of claim 8 wherein the irrigation control instructions comprise flow rate for water in an irrigation water line.

Claim 11 (currently amended): The method of claim 4 7 wherein step (c) comprises entering a security code into the smart card reader to allow transfer of the irrigation control instructions to the smart card reader.

Claim 12 (original): A method of monitoring an irrigation site comprising the steps of:

- a) collecting process data from an irrigation system at one location;
- b) storing the process data of step (a) on a smart card;
- c) transporting the smart card to another location; and
- d) transferring the process data stored on the smart card of step (c) to a computer at the other location.

Claim 13 (original): The method of claim 12 wherein the process data comprises flow rate, totalized flow, equipment status, or environmental conditions at the irrigation site.

Claim 14 (original): The method of claim 13 further comprising a step of adjusting process conditions for the irrigation system based on the process data transferred to the other location.

Claim 15 (original): The method of claim 14 wherein said step of adjusting the process conditions comprises:

- i) storing irrigation control instructions on a smart card at the remote site;
- ii) transporting the smart card to the irrigation site;
- iii) transferring the irrigation control instructions from the smart card to a smart card reader;
- iv) transferring the irrigation control instructions from the smart card reader to a computer;
- v) storing the irrigation control instructions in the computer of step (iv); and

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- vi) adjusting the irrigation system according to the instructions stored in step (i) in response to the process data collected in step (a).